

Halliburton Docket No.: 990084 U1C1 USA
Attorney Docket No.: 1301-1125

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application: Leidel et al.

Serial No.: 10/080,785

Filed: February 22, 2002

Art Unit: 1742

Examiner: Unassigned

For: High Performance Powdered Metal Mixtures for
Shaped Charge LinersCommissioner of Patents
Washington, D.C. 20231PRELIMINARY AMENDMENT

Dear Sir:

Please enter the following preliminary amendment in the above-identified patent application prior to the substantive examination thereof.

In the Claims:

For the Examiner's convenience, all pending claims are presented.

Please add the following new claims:

1. A liner for a shaped charge comprising:

a mixture of powdered heavy metal and powdered metal binder
wherein said powdered heavy metal comprises from 90 percent by

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420.00 OP

04/09/2002 BUSINESS

SMITH, DANAMRAJ & YOUST

A PROFESSIONAL CORPORATION

ATTORNEYS AND COUNSELORS
INTELLECTUAL PROPERTY LAW AND RELATED MATTERS

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March 28, 2002

Via Facsimile 703.872.9310

Commissioner for Patents
Washington, D.C. 20231

Re: Serial No.: 10/080,785
High Performance Powdered Metal Mixtures for Shaped Charge Liners
Our File: 1301-1125

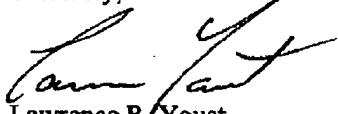
Dear Sir:

Enclosed for filing please find the following items relating to the above-identified application:

- (1) Preliminary Amendment (15 pages); and
- (2) Form PTO-2038 authorizing a payment in the amount of \$996.00 (1page).

If you have any questions or comments concerning this matter, please call the undersigned at your earliest convenience. Otherwise, please accept the enclosed.

Sincerely,



Lawrence R. Youst
Reg. No. 38,795

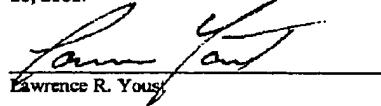
Enclosures

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Certificate of Transmission Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office on March 28, 2002.


Lawrence R. Youst